,																		
	Form PTO	-14	49								COMMERCE K OFFICE	•	ATTY. DOCKET	NO.		SERIAL NO. 09/853, 200	026	
		INF	ORMA	ATIC	ON I	oiso		SURE	3 C1	TA?	rion	APPLICANT Hollig et	al.					
											sary)	FILING DATE May 11, 2			GROUP 2123 2/28	•		
ŀ															2/40			
ŀ	EXAMINER		Γ	τ							U.S. PA	r DOCUMENTS						
ļ	EXAMINER INITIAL DOCUMENT NUMBER DATE 4 8 1 9 1 6 1 4/1989 K												NAME		LASS	SUBCLASS		G DATE COPRIATE
OFFE											4/1989		onno et al.	7	<u></u>	84	_	
	RF	_		5 7 2 9			6	7	0	3/1998	St	rumolo et al.	3	45	423			
	SE 172 0F	WI .	3	5	7	3	1	8	1	7	3/1998	На	ihs, Jr. et al.	3	345	423		
1	TO PREUM	at of	7	5 7 7 4 6 9 6 6				6	6/1998	6/1998 Akiyama				, 20				
	3000																	
															, , , , , , , , , , , , , , , , , , , 			
										:								
				<u> </u>	-	<u>-</u> -	-				· · · · · · · · · · · · · · · · · · ·							
			-	-	-	-		-		\vdash		 						
					_	 	-		-			-						
				-			_	-				+-			-			
						<u> </u>				<u> </u>	<u></u>	<u> </u>						
		1				_					FOREIGN I	PATE	NT DOCUMENTS	<u> </u>			Τ	
					DO	CUM	ENT	NU	MBE	R	DATE	;	COUNTRY	C	LASS	s subclass	TRANS YES	LATION NO
			· · · · · ·	1	9	6	2	1	4	34	1996		DE				1	Х
				 														
				 				-		-								
	<u> </u>	<u> </u>		╁	-		╟	 	-	\vdash								
		-		\vdash	\vdash	-	-	-	+	-	+							
		L		<u> </u>	<u>l</u>	<u>L</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			<u> </u>				<u> </u>	1
			<u> </u>	K	Ho-	Le,	Fi	nit	:е є	len	ent mesh	gen	Title, Date, Peration methods	ertinent s: a rev	Pac iew	ges, Etc.) and classif	icatio	n,
	EF			Cc	ngmo	iter	Ai	ded	l De	esig	n; Januar	y/F	ebruary 1988.					
	RF			of ar	Ci nd A	ivi) NSY	. ar 'S 1	nd E	Envi	ror	nmental En onsburg, P	gin A.	tructured Mesh eering, Carngie	e Mellon (Uni	versity, Pit	Depart tsburg	ment h, PA
	RF			Tr	exa iar 999.	ıgu]	er P	rung	ıs, gen	Ber	richte aus Vernetzu	de ng	r Mathematik, (getrimmter NURI	Optimiert BS-Körper	e D	elaunay- haker Verlag	, Aach	en
	EXAMINER				K	7 us	SE (L	F	- 2 <i>E</i>	ĵ.			DATE CON	ISI	DERED 9, Z	2.04	

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-14	49						COMMERCE K OFFICE	L	ATTY. DOCKET 41608 APPLICANT	NO.			RIAL NO. 09/853, 206	0Z4	
INF	ORM	ATION	DIS	CLOS	URE C	ITA?	rion	L	Hollig et	al.					
(Us	8ė'	veral	. she	ets :	if ne	cess	sary)		FILING DATE May 11,	2001	_		oup 3133 <i>Z128</i>		
							U.S. PATE	ENT	DOCUMENTS						
EXAMINER INTTI		DOC	UMENT	NUM	BER		DATE		NAME		CLAS	SS	SUBCLASS		G DATE
0, 5	1														
SEP 1 7 2001															
6															
MADEMARIO												_			
								····		- ·			- · · · · · ·		
												·			
				\Box		1									
•				+-+		1									=
· · · · · · · ·				\vdash		-									
<u> </u>	-	<u> </u>	-	H		-				 .					<u> </u>
						+-									
				<u> </u>							<u> </u>				
	Γ-			_				TEN	T DOCUMENTS					TRANS	LATION
		D	OCUME	ENT N	UMBEI	₹	DATE	<u> </u>	COUNTRY		CLAS	SS	SUBCLASS	YES	NO
•							·								_
															;
						\top		·			<u> </u>				
						\dagger			·-·	-					
		TUED	 	MENT	e (ir	1	ding Author	· T	itle, Date,	Pertina	ent Da	GES	Etc.)		
PF		Jam	es H.	Bra	mble	, Th	e Lagrange	Mu]	tiplier Meth	od for	Diric	hle	t's Proble	em;	
2F		Pav Typ	el B.	BOC	chev a	and Vol	Max D. Gunz 40, No. 4,	pp.	ger, Finite 789 - 837,	Elemen Decemb	t Metl er 199	nods 98.	of Least-	Square	es
QF	-	V.L mec	. Rva	cheves, A	und Appli	T.I ed M	. Sheiko, F lechanics Re	R-fu evie	ncitons in b ews, 48 (1995	oundar), pp.	y valu 151-1	ie p	problems in	1	
EXAMINER		K) 1	·L	FRE	JI)			DATE	CONSI	DER	ED 9,22	.04	
*EXAMINER: 609; Draw L form with n	ine	thro	ugh d	itat	ion .	if n	ot in confo	ethe orma	er or not cit	ation consid	is in ered.	con	iformance wiclude copy	vith Mi	PEP his

Form PTO-14		P.	aten	TA	ND T	RADE	RAME	K OFFICE	ATTY. DOCKET 41608 APPLICANT				RIAL NO. 09/853, 206	026		
		vera						rion sary)		Hollig et al. FILING DATE May 11, 2001 GROUP 2123 Z/28						
		٠				_		U.S. PAT	ENT	DOCUMENTS						
EXAMINER TIPE		DOC	CUME	NT I	NUMB	ER		DATE		NAME	CLASS		SUBCLASS	FILING DAT		
	1						<u> </u>				<u></u>		_			
SEP 1 7 2001	<u> </u>		_	_	_	ļ.,	ļ									
	<u> </u>		_		·											
PADEMARIO													_	-		
												ļ				
· · · · · · · · · · · · · · · · · · ·																
								·								
												ļ <u></u>		- 11-1		
•											· <u></u>					
								FOREIGN PA)TE)	IT DOCUMENTS						
		ľ	ocui	MEN'	T NU	MBER		DATE		COUNTRY		CLAS	s	SUBCLASS	TRANSLATIO YES NO	
									+					-		
		П														
·																
																
	0									Title, Date,						
PF	:	Pro	grai	mma)	o, T ble PA88	Auto	mat	of R-Function ion, Sible	ons y S	and Applicat chool of Mech	ions: anical	A Pri Engin	mer leer	, Cornell ing, Ithac	a, NY	
QF		V.I Sol	L. R	vac on	hev, Stru	T.I ctur	es,	heiko, V. : Computation	Shp ona	airo und I. T l Mechanics,	sukano 25 (20	v, On 00), p	Com	pleteness 305-316.	of RF	М
2F								ukanov, Me 99), pp. 4		ree Simulatio 471.	n of D	eformi	.ng	Domains, C	Comput	er-
XAMINER	- [Zus	se L	L	FR	ET.	D				DATE	CONSI	DERE	ED 9.82	.04	
EXAMINER: 109; Draw L	ine	thro	ough	ci	tati	on i	.f n	ot in confe	eth orm	er or not cit	ation consid	is in ered.	con	formance w clude copy	of the	PEP

THER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, N. Dahmen et al (eds), Academic Press (1996), pp. 48 Ref Hussiler-Combe, C. Korn, and J. Eibl. Resigned Extended B-Spline Approximation of Dirichlet Problems by Klaus Holli Ulrich Reif, and Joachia Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 48 662, 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.											~						
Hollig et al. (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE POREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS PLINE FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TABLE THE THE THE THE THE THE THE T	Form PTO-14	49								41608	NO.		+ 026				
(Use several sheets if necessary) FILING DATE MAY 11, 2001 U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS FILING TRANSF TRANSF TESS TE	IN	PORM	ATIO	N DI	SCI	OSUR	E C	ITA:	rion		al.						
U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE POREIGN PATENT DOCUMENTS POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSING TEAS TOTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Devald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, M. Dahmen et al (eds), Academic Press (1996), pp. 1 Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holli Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 4462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with M. ** *EXAMINER: Initial if citation considered, whether or not citation is in conformance with M. ** *EXAMINER: Initial if citation considered, whether or not citation is in conformance with M. **										FILING DATE		GROUP					
POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TANNS YES THE PROPERTY OF THE PATENT DOCUMENTS COUNTRY CLASS SUBCLASS TANNS THE PATENT DOCUMENTS COUNTRY CLASS SUBCLASS TANNS THE PATENT DOCUMENTS		- se	vera	·	eet		ne	ces:	eary;	May 11, 2001 2/28							
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSITIES TRANSITIES OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementifies Galarkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. RF Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Josehim Hipper; SIAM J. Numer: Anal., Vol. 1g, No. 2, pp. 44 62; 2001 Society for Industrial and Applied Mathematics, 2000. PEXAMINER: Initial if citation considered, whether or not citation is in conformance with M.			1					<u> </u>	U.S. PATEN	IT DOCUMENTS				····			
POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANS YEE OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Obwald, Multilevel Solvers for elliptic problems on domains, Multiscale Nevelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holli Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.	INITIAL	<u> </u>	DO	CUME	NT	NUMBI	ER	,	DATE	NAME	CLAS	S SUBCLASS		G DATE			
POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSS TES OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holli Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI	OIPE									· · · · · · · · · · · · · · · · · · ·							
POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSS TES OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holli Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI	Offin -									•			<u> </u>				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI	25. 1 \ XIII																
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with Mi	A MARIO	7															
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI	MADEMA					1	T			an Tagada and an							
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI		1	\Box	_	\dagger	+	-			.							
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI		1-		\dashv	\dashv		-	-									
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI					\dashv		-	-					<u> </u>				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with Missing Page 1. Initial if citation considered, whether or not citation is in conformance with Missing Page 1. Initial if citation considered, whether or not citation is in conformance with Missing Page 1. Initial initi		-	H		+		+	├-					 				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI		-			+	-							 				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI		ļ		· -	\dashv	_ -	<u> </u>										
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI																	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with Mi		<u>, </u>	,						FOREIGN PAT	ENT DOCUMENTS							
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. : Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holl: Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI			1	OCUN	CLAS	SUBCLASS		LATION									
P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. 100 Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Hollis Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI		YES IX															
P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. 100 Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Hollis Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI					\top			 									
P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. 100 Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Hollis Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI		ļ—			\top	+	 	T									
P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. 100 Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Hollis Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI	1	 	-		+	+	 	╁									
P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. 100 Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Hollis Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI					+	_	 			· · · · · · · · · · · · · · · · · · ·			 	 			
P. Oswald, Multilevel Solvers for elliptic problems on domanins, Multiscale Wavelet Methods for PDEs, W. Dahmen et al (eds), Academic Press (1996), pp. 100 pp		<u> </u>					1	1					<u> </u>	<u> </u>			
Die elementfreie Galerkin Methode - Uberblick und Anwendungsbeispiele by U. Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holli Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9, 22,04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI													scale				
Haussler-Combe, C. Korn, and J. Eibl. Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holling Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44, 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9, 22,04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with ME.	RF													3-58.			
Weighted Extended B-Spline Approximation of Dirichlet Problems by Klaus Holling Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44, 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with ME.											und Anwendur	gsbeispiele	by U.				
Ulrich Reif, and Joachim Wipper; SIAM J. Numer. Anal., Vol. 3g, No. 2, pp. 44 462; 2001 Society for Industrial and Applied Mathematics, 2000. EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with ME	RF		1121		- L	COMBO	., .		orn, and o.								
EXAMINER DATE CONSIDERED 9.22.04 *EXAMINER: Initial if citation considered, whether or not citation is in conformance with ME	PF		Uli	rich	Re	if, a	and	Joa	chim Wipper;	SIAM J. Numer	. Anal., Vol	. 3g, No. 2,	pp. 4	ig, 42-			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MI	·	<u> </u>		_	<u>-</u>			· ••·			Dama ======	- O -		 -			
	BAAMINER	(20	SSE	رد	H	2 <i>E</i> (7_) 		DATE CUNST	9. Z.	4,04				
609; Draw Line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.	609; Draw L	ine	thro	ough	ci	tatio	on i	f n	ot in confor								

Form PTO-1449 U PATENT	.S. DEP AND TI	ARTM RADEN	ENT /ARI	OF C	COMM	ERCE	ATTY. DOCKET NO. 41608 SERIAL NO. 09/853, 200024							
INFORI	MATIO					ΠΟΝ	Hollig et a FILING DATE May 11, 200		GF	GROUP 2123 2128				
						U.S. PATEN	T DOCUMENTS							
EXAMINER INITIAL	DOC	UMEN	IT N	UMB	ER .	DATE	NAME	CLA	SS	SUBCLAS S	FILING DATE IF APPROPRIATE			
OIA				\dashv	-									
SEP 1.7 2007 3											1	· · · · · · · · · · · · · · · · · · ·		
MADEMARKOTE														
		_		_			·		·			·		
														
	+			\dashv					**					
						FOREIGN PAT	ENT DOCUMENTS			<u> </u>	Γ			
·	DO	CUME	NT N	MÜN	BER	DATE	COUNTRY	CLA	\SS	SUBCLAS S	TRANSLATION YES NO			
					_	<u> </u>		•						
										<u></u>				
								.				<u> </u>		
	Ric	hard	H. 1	Bart	els.	John C. Bea	Author, Title, Date, Petty and Brian A	. Barsky, A	in I	ntroduction	i to			
RF	Spl	ines	for	use	e in (Computer Gra	phics and Geome	etric Modeli	.ng,	pp. 46 - 6	55, (1	987).		
				-										
				_							······································			
EXAMINER	1/2) 155ê		F	- 2 <i>E</i> J.	D		DATE CONS	SIDEF	RED 9.22	2,04			
*EXAMINER: Initi	al if cita	tion co	nside	ered, v	whethe	r or not citation is	in conformance with communication to app	MPEP 609; Drav	» Lin	e through citation	on if not	in		

Form PTO	-1449								COMMERCE	ATTY. DOCKET	NO.		SERIAL NO		026		
	INPOR	MATI	ON !	DIS	CLOS	SURE	: CI	TAT	ION	APPLICANT Hollig et	al.						
/	(B)	ever	20	hee	ets	if	nec	essa:	ary)	FILING DATE May 11,			GROUP	128)		
	OCT :	2 2 2	M	띩					U.S. PAT	ENT	DOCUMENTS						
EXAMINAR INITIAL	2	T _D	CLA	~ _	שא	MBE	R		DATE		NAME		CLAS	S SUBCLA	ss		G DATE
	%	TRACE				<u> </u>						•					
			-	-													
		+	-		\vdash	-						.		ಕ			
		-) j		3 6	<u>n</u>	
														Jedyvology Rein	1	2	FCEIVE
			 	1										1	3	7	*
	_		-				_						<u> </u>		د خ پ	70/11	(1
	-	_	 					\vdash			· · · · · · · · · · · · · · · · ·				7	_	
											<u> </u>		<u> </u>		\dashv		
		+									· 				7		
		+-													\dashv		
 -			J.,	<u>. </u>	<u> </u>	<u>}</u>		<u> </u>	FOREIGN PA	ATE	NT DOCUMENTS		*				
 	FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSL														LATION		
	<u> </u>				r			· · · · · · · · · · · · · · · · · · ·					-		\dashv	YES	NO
			_		_												
<u> </u>			<u> </u>	-	_												
		-	-	_											_		
		_	ļ	_	<u> </u>				·						\dashv		<u> </u>
	<u> </u>		_									<u>.</u>	_				
		OTHE	R D	ocui de	MEN Boo	rs r.	(inc	lud:	ing Author	r, ' e t	Title, Date, I o Splines, Ap	Pertine	ent Pa	ges, Etc.) atical Sci	ence	es 27	, pp.
EF			8-1			·					-						
<u> </u>		+	_				_										
																	·
		1											-				
EXAMINER	<u> </u>	Z	2	SEL	L	FR	- 	— ⊳				DATE	CONSI	DERED 9.	22	.04	
*EXAMINE 609; Draw form with	w Line	thr	oug	h c	ita	tio	n i	E no	t in confe	eth orm	er or not cita ance and not o	ation :	is in ered.	conformance Include c	e wi	th Mi of th	PEP